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PTO/SB/21 (08-00)

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/177,814
	Filing Date	October 23, 1998
	First Named Inventor	Terry L. Gilton
	Group Art Unit	1641
	Examiner Name	G. Gabel
	Attorney Docket Number	2269-3530.3US (97-1257.00/US)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Postcard receipt acknowledgment (attached to the front of this transmittal)	<input type="checkbox"/> Information Disclosure Statement, PTO/SB/08A (08-00); <input type="checkbox"/> copy of cited references	<input type="checkbox"/> Terminal Disclaimer
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<input type="checkbox"/> Response to Restriction Requirement/Election of Species Requirement dated	<input type="checkbox"/> Petition for Extension of Time and Check No. in the amount of \$	
<input checked="" type="checkbox"/> Amendment in response to office action dated October 21, 2003	<input type="checkbox"/> Petition	
<input type="checkbox"/> Amendment under 37 C.F.R. § 1.116 in response to final office action dated	<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Additional claims fee - Check No. in the amount of \$	<input type="checkbox"/> Certified Copy of Priority Document(s)	
<input type="checkbox"/> Letter to Chief Draftsman and copy of FIGS. with changes made in red	<input type="checkbox"/> Assignment Papers (for an Application)	
<input type="checkbox"/> Transmittal of Formal Drawings	Remarks	
<input type="checkbox"/> Formal Drawings ( sheets)	The Commissioner is authorized to charge any additional fees required but not submitted with any document or request requiring fee payment under 37 C.F.R. §§ 1.16 and 1.17 to Deposit Account 20-1469 during pendency of this application.	

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Terry L. Gilton

**Serial No.:** 09/177,814

**Filed:** October 23, 1998

**For:** SEPARATION APPARATUS  
INCLUDING POROUS SILICON COLUMN

**Confirmation No.:** 3621

**Examiner:** G. Gabel

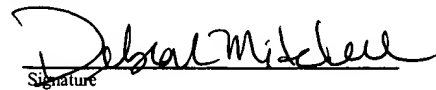
**Group Art Unit:** 1641

**Attorney Docket No.:** 2269-3530.3US  
(97-1257.00/US)

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**AMENDMENT**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following amendments and remarks are filed in response to the Examiner's remarks in the Office Action mailed October 21, 2003, the three-month shortened statutory period for response to which expires on January 21, 2004.

**Amendments to the Specification** begin on page 3 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 4 of this paper.

**Amendments to the Drawings** begin on page 14 of this paper and include both an attached replacement sheet and an annotated sheet showing changes.

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**Appl. No. 09/177,814**  
**Amdt. dated January 19, 2004**  
**Reply to Office Action of October 21, 2003**

**Remarks/Arguments** begin on page 15 of this paper.

An **Appendix** including amended drawing figures is attached following page 24 of this paper.